

APPENDIX C-4
APPLICATION OF HARRINGTON ET AL. CLAIMS TO THE
DISCLOSURE OF HARRINGTON ET AL. APPLICATION 09/263,814

Harrington et al. Claim 271

Harrington et al. Disclosure

A method to activate expression of an endogenous gene in an isolated eukaryotic cell comprising	Abstract 10:1 10:15-21 43:2-3 50:15-17 51:16 52:1-2 53:14-20, 21-24
introducing a vector construct into said isolated eukaryotic cell,	Figures 1-4 14:28-30 40:1-11 50:24-26 53:14-20
said vector construct comprising in operable combination	Figures 1-4 6:18-20 34:17-28 35:29-38:4 44:3 44:25-45:9
1) a promoter;	42:19-22
2) an exon sequence located 3' from and expressed by said promoter	Figures 1-4 34:17-28 35:29-38:4 44:3 44:25-45:9
said exon being derived from a naturally occurring eukaryotic gene	44:3-24
and not being a screenable marker gene; and	44:16-18 45:16-19 46:30-47:2 47:10-13

3) a splice donor sequence defining the 3' region of said exon	44:16-18
said splice donor sequence being derived from a naturally-occurring eukaryotic gene;	45:20-25
wherein said vector construct is non-homologously incorporated into the genome of a said isolated eukaryotic cell	28:1-12 31:17-20 45:28-30
and said splice donor sequence of the transcript encoded by said exon is spliced to a splice acceptor sequence of said endogenous gene.	45:26-46:4